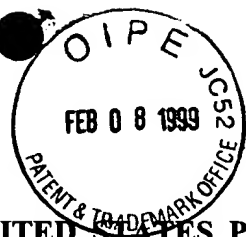


ROKWELL.039A/98RSS121



PATENT

GP 2734
GME 4
2/22/99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Beamish et al.)
App. No. : 09/137,198)
Filed : August 20, 1998)
For : FREQUENCY HOPPING SPREAD)
SPECTRUM MODULATION AND)
DIRECT SEQUENCE SPREAD)
SPECTRUM MODULATION)
CORDLESS TELEPHONE)
Examiner : Unknown)

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ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION
AND
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

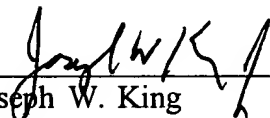
App. No. : 09/137,198
Filed : August 20, 1998

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, **Customer No. 20,995**, and William C. Cray, Registration No. 27,627; Philip K. Yu, Registration No. 35,742; and Joseph W. King, Registration No. 35,768 as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use Customer No. 20,995 for all communications.

ROCKWELL SEMICONDUCTOR
SYSTEMS, INC.

Dated: 12/18/98

By: 
Joseph W. King

Title: Intellectual Property Law Counsel

Address: 4311 Jamboree Road
Newport Beach, CA 92660

SCJ-8028:vm
111998

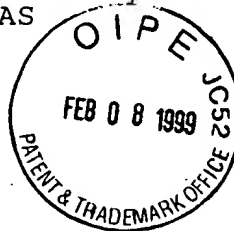
ROCKWELL 039A
SCJ/KNWIREC



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DECEMBER 07, 1998

PTAS
KNOBBE MARTENS OLSON & BEAR, LLP
STEPHEN C. JENSEN
16TH FLOOR
620 NEWPORT CENTER DRIVE
NEWPORT BEACH, CA 92660



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COPY

tg

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/20/1998

REEL/FRAME: 9407/0528
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
BEAMISH, NORMAN J.

DOC DATE: 08/17/1998

ASSIGNOR:
WALLEY, JOHN S.

DOC DATE: 08/17/1998

ASSIGNEE:
ROCKWELL SEMICONDUCTOR SYSTEMS,
INC.
4311 JAMBOREE ROAD
C/O IP DEPT. 510-900
NEWPORT BEACH, CALIFORNIA
92660-
3095

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SERIAL NUMBER: 09137198
PATENT NUMBER:

FILING DATE: 08/20/1998
ISSUE DATE:

LAWAN FLETCHER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

09-01-1998

REC



100804883

TO THE ASSISTANT COMMISSIONER FOR PATENTS. Please record the enclosed original documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

1. Norman J. Beamish
2. John S. Walley

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

2. Name and address of receiving party(ies):

Name: Rockwell Semiconductor Systems, Inc.

Internal Address: c/o IP Dept. 510-900

Street Address: 4311 Jamboree Road

City: Newport Beach State: CA ZIP: 92660-3095

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)
August 17, 1998

4. Application number(s) or Patent number(s):

(X) Application(s) filed herewith
Execution Date(s): August 17, 1998

() Patent Application No.:
Filing Date:

() Patent No.:
Issue Date:

Additional numbers attached? () Yes

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Stephen C. Jensen

KNOBBE, MARTENS, OLSON & BEAR, LLP

Customer No. 20,995

Internal Address: Sixteenth Floor

Street Address: 620 Newport Center Drive

City: Newport Beach State: CA ZIP: 92660

Attorney's Docket No.: ROKWELL.039A

7. Total fee (37 CFR 3.41): \$40

- (X) Enclosed
(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: one

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Stephen C. Jensen

Name of Person Signing

Signature

Aug. 20, 1998

Date

35,556

Registration No.

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

10542 U.S. PTO
09/137198
08/20/98

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08/28/1998 JMTKINS 0000002 05137198
01 FC:58.

MRD 8-20-98

Application No.: Unassigned
Filing Date: Herewith

PATENT
Client Code: ROKWELL.039A
(98RSS121)
Page 1

ASSIGNMENT

WHEREAS, We, Norman J. Beamish, a Irish citizen, residing at 2775 Mesa Verde Drive East, Apt. R207, Costa Mesa, CA 92626, John S. Walley, a United States citizen, residing at 25751 Brookmont, Lake Forest, CA 92630 have invented certain new and useful improvements in a FREQUENCY HOPPING SPREAD SPECTRUM MODULATION AND DIRECT SEQUENCE SPREAD SPECTRUM MODULATION CORDLESS TELEPHONE for which I have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, Rockwell Semiconductor Systems, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at c/o IP Dept. 510-900, 4311 Jamboree Road, Newport Beach, CA 92660-3095, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, his successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, his successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, his successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 17th day of August 1998

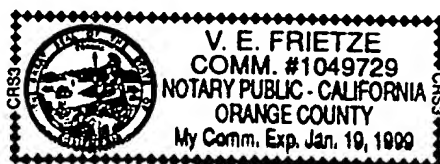
Norman J. Beamish
Norman J. Beamish

STATE OF CALIF.
COUNTY OF Orange ss.

On August 17, 1998, before me, V. E. Frietze personally appeared Norman J. Beamish personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in authorized capacity(ies), and that by signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



V. E. Frietze
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 17th day of August 1998

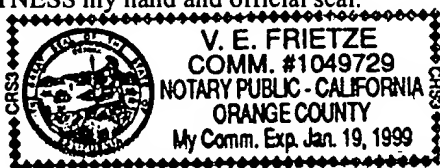
John S. Walley
John S. Walley

STATE OF CALIF
COUNTY OF Orange ss.

On August 17, 1998, before me, V. E. Fietze, personally appeared John S. Walley personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



V. E. Fietze
Notary Signature

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